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**RETEST EXAMINATION-2022**

Semester : 5th

Subject Code : CO-503

**COMPUTER MAINTENANCE**

Full Marks – 35

Time – Two hours

The figures in the margin indicate full marks  
for the questions.

**Instruction :**

- All questions of PART-A and PART-B are compulsory.

**PART – A**

Marks – 12

1. State true or false : 1×4=4
- (i) IDE cables have 50 pins.
  - (ii) In VGA connector VGA stands for Video Graphics Adapter.
  - (iii) The boot up instructions is available in the BIOS.
  - (iv) A standard multimeter is ideal for measuring a monitors high voltage.

[Turn over

2. Fill in the blanks :  $1 \times 4 = 4$

(i) CMOS stands for \_\_\_\_\_.

(ii) Single SCSI bus can accomodate devices .

(iii) LCD stands for \_\_\_\_\_.

(iv) \_\_\_\_\_ card is required to play audio.

3. Choose the correct options :  $1 \times 4 = 4$

(i) RS-232 is a standard that applies to

(a) Game ports (b) Serial ports

(c) Parallel ports (d) None of the above

(ii) Phillips head is related to

(a) monitors (b) UPS

(c) screw drivers (d) None of these

(iii) In inkjet technology the droplets of ink are deflected by

(a) multi-directional nozzle

(b) electronically charged plates

(c) high pressure plates

(d) None of the above



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- (iv) A hard disk is divided into tracks which are further subdivided into
- (a) clusters
  - (b) sectors
  - (c) vectors
  - (d) heads

**PART – B**

Marks – 23



4. Answer any *five* questions : 2×5=10
- (i) Explain the term 'Booting'.
  - (ii) Name two different types of communication ports and their functions.
  - (iii) What is a cylinder of a hard disk ?
  - (iv) List any four tools used for computer maintenance and state their purposes.
  - (v) State the functions of a jumper.
  - (vi) Name three recent processors from Intel.
5. Explain the functions of SMPS. 3
6. What is the basic function of UPS ? Illustrate the functions of an UPS in different conditions. 5
7. Trouble shooting is comparatively difficult in which section and why ? Justify. 5